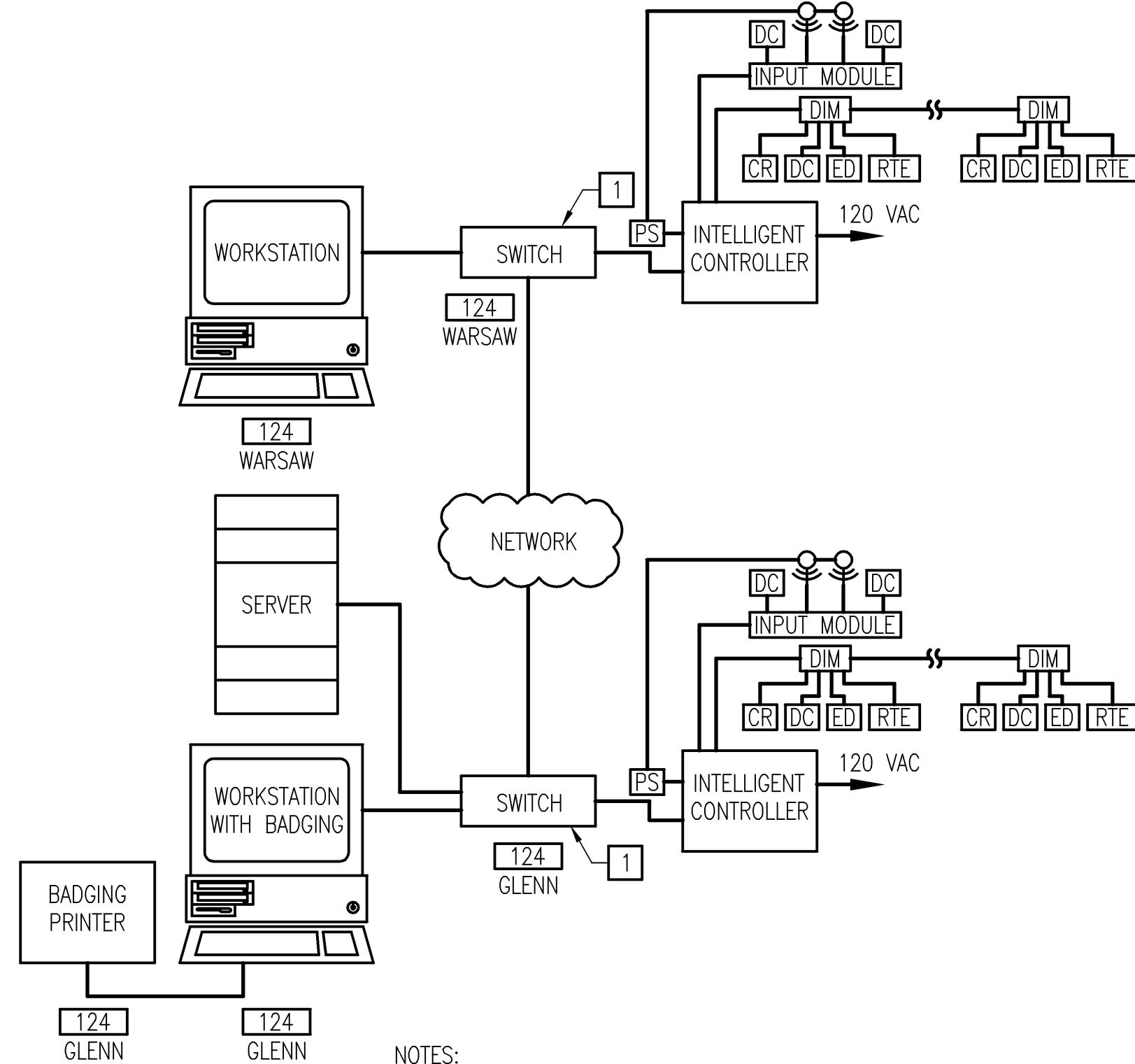


### VIDEO BADGING AND ACCESS CONTROL NOTE

CONTRACTOR SHALL PROVIDE A FULLY INTEGRATED AND EXPANDIBLE SYSTEM TO PROVIDE ACCESS CONTROL AS INDICATED ON DRAWINGS. VIDEO BADGING CAPABILITY (PICTURE CAPTURE AT BOTH GLENN'S AND WARSAW CAMPUSES WITH A BADGE PRINTER LOCATED AT THE GLENN'S CAMPUS ONLY) FOR THIS CONTRACT.

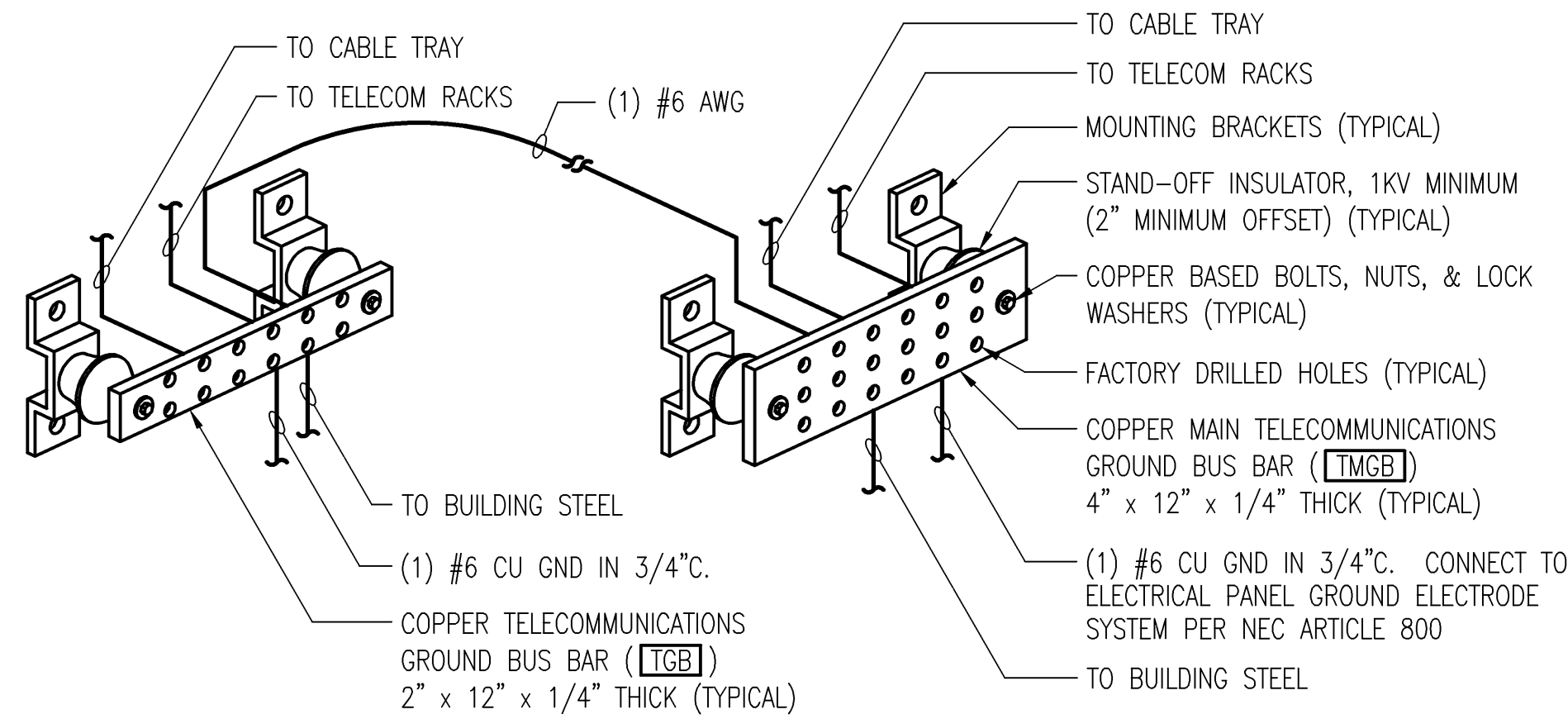
1. MAGNETIC STRIP DATA STORAGE CARD CAPABILITY
2. INTERFACE TO THE LIBRARY SYSTEM INCLUDING LIBRARY COPIER AND PRINTERS
3. INTERFACE WITH VENDING MACHINES



- NOTES:
1. PROVIDE CONNECTION TO NETWORK SWITCH.

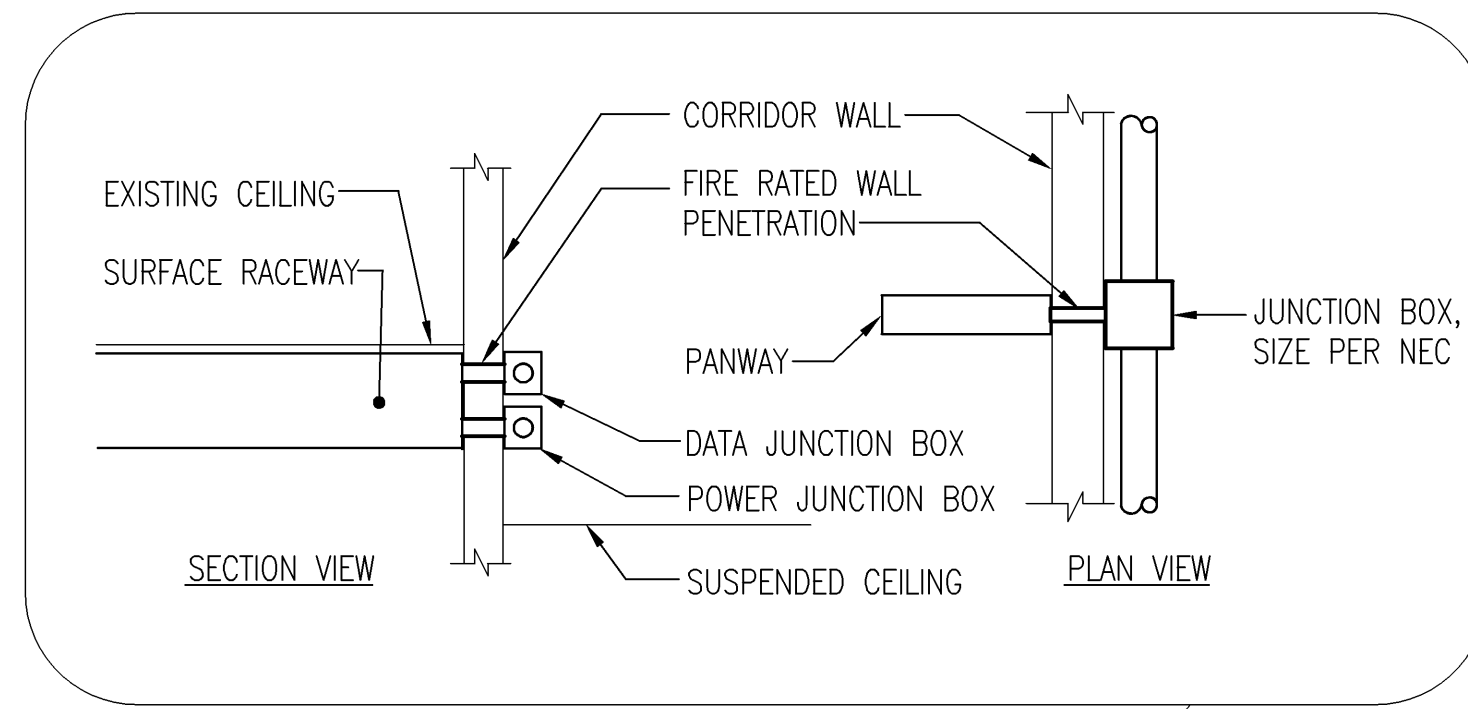
### VIDEO BADGING AND ACCESS CONTROL SYSTEM RISER DIAGRAM

NO SCALE



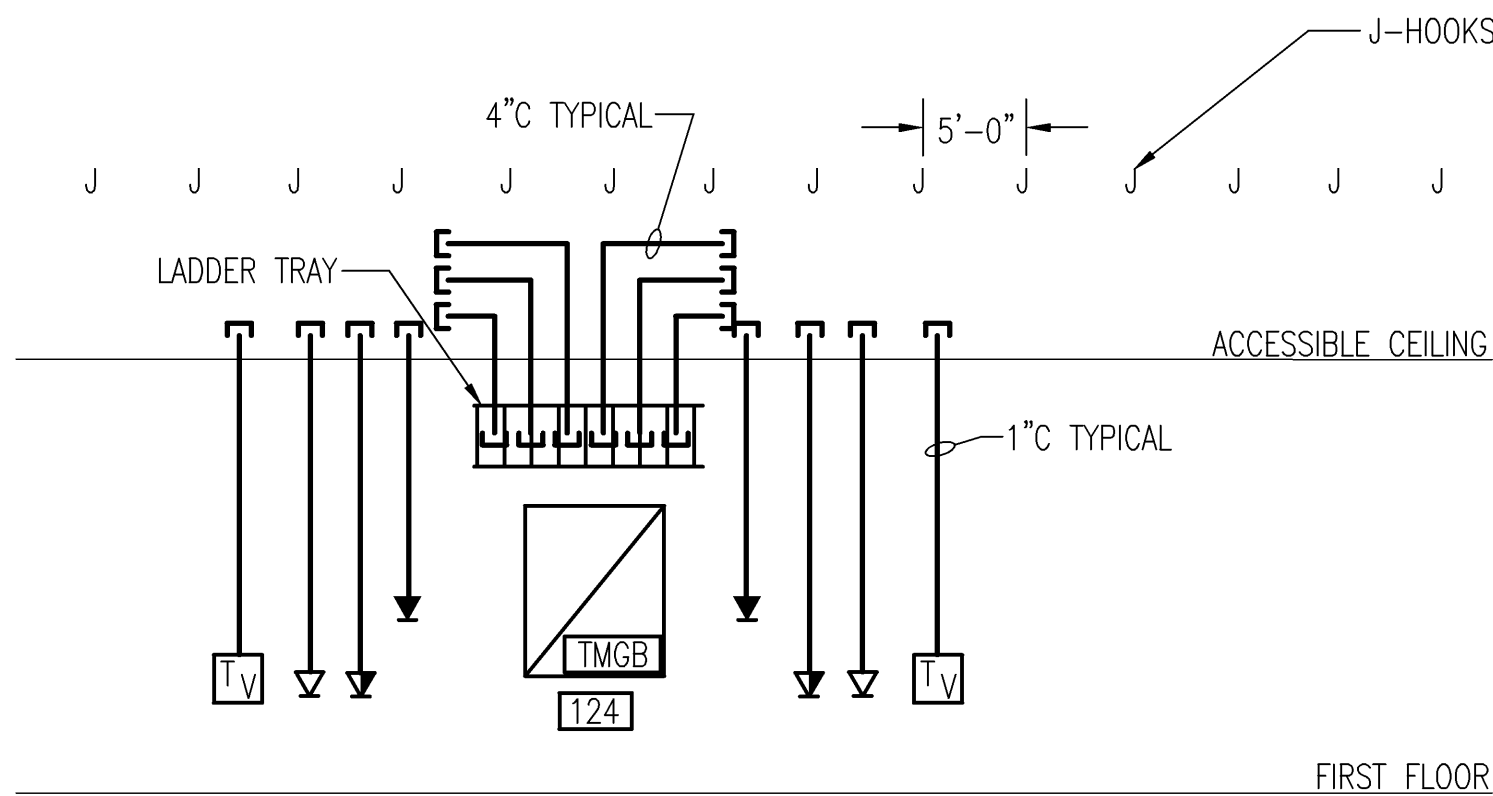
### TYPICAL GROUND BUS BAR DETAIL

NO SCALE



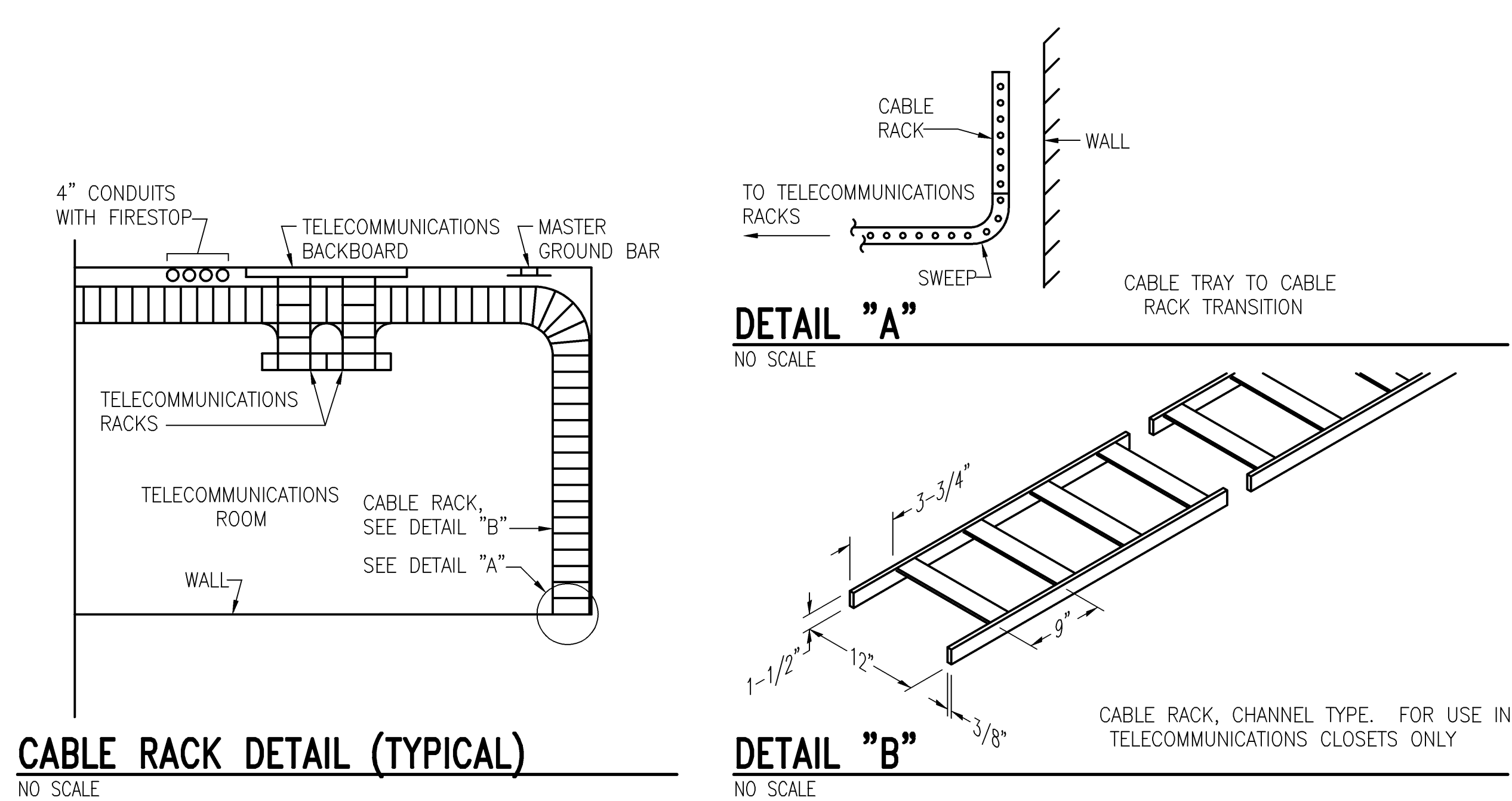
### FIRE ALARM DEVICE MOUNTING DETAIL

NO SCALE



### TELECOMMUNICATIONS RISER DIAGRAM

NO SCALE



### CABLE RACK DETAIL (TYPICAL)

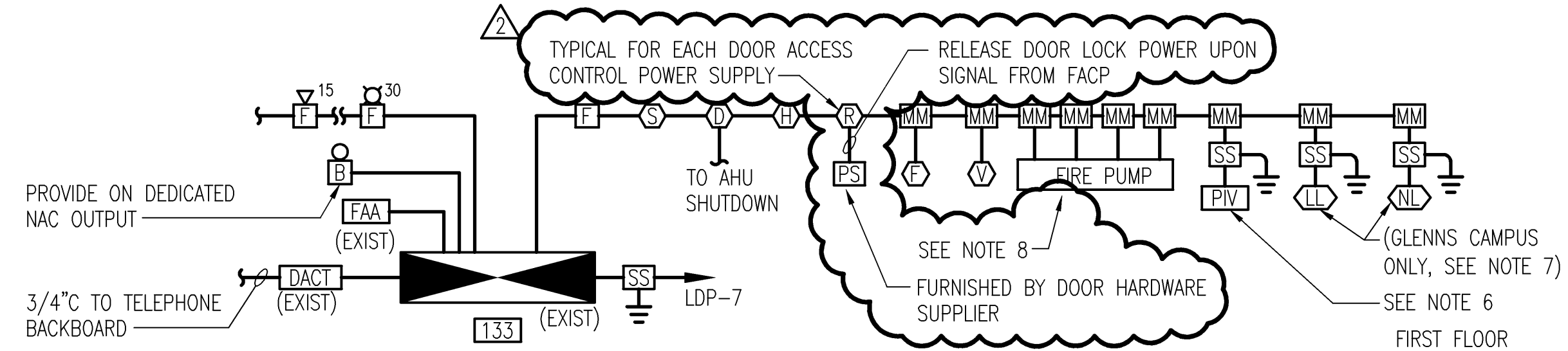
NO SCALE

### DETAIL "B"

NO SCALE

### TELECOMMUNICATIONS ROOM STANDARD SUPPORTING STRUCTURE AND RISER

NO SCALE

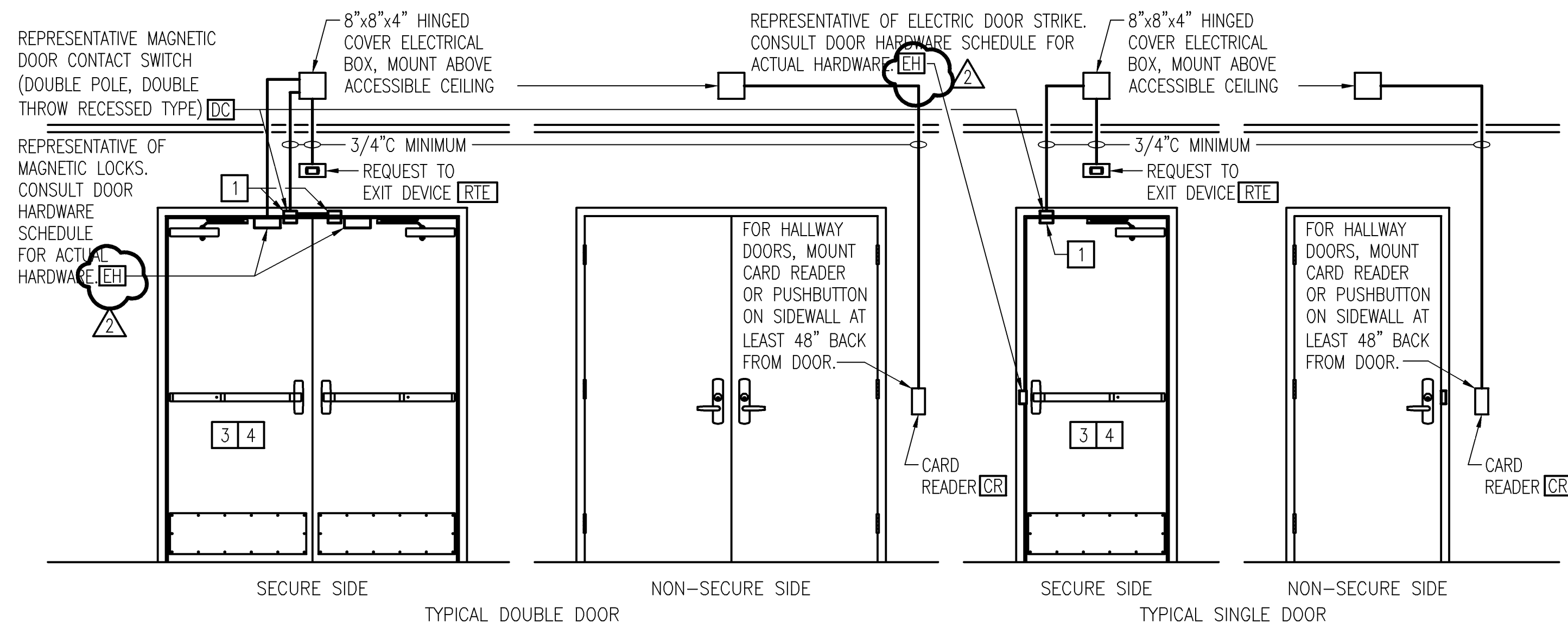


NOTES:

1. REFER TO FLOOR PLANS FOR QUANTITY AND LOCATION OF SYSTEM COMPONENTS. QUANTITIES SHOWN HERE ARE EXAMPLE ONLY. CERTAIN VENDOR DETERMINED ITEMS, SUCH AS MONITOR MODULES AND CONTROL MODULES ARE NOT SHOWN ON THE FLOOR PLANS.
2. PROVIDE WIRING PER MANUFACTURER'S INSTRUCTIONS IN 3/4" MINIMUM.
3. CONTRACTOR SHALL DETERMINE QUANTITY AND SIZE OF CONDUITS, ENCLOSURE AND JUNCTION BOXES TO COMPLY WITH MANUFACTURER'S RECOMMENDED INSTALLATION REQUIREMENTS.
4. DO NOT LOAD ANY CIRCUIT BEYOND 80% OF RATED CAPACITY. SUBMIT CALCULATIONS TO SUBSTANTIATE. ADD ADDITIONAL CIRCUITS AS NECESSARY. PROVIDE NOTIFICATION EXTENDER PANELS, POWER SUPPLIES, ETC. AS REQUIRED. CONTRACTOR TO PROVIDE 120V FROM CLOSEST UNSWITCHED CIRCUIT, OR AS INDICATED.
5. PROVIDE BELL ON SEPARATE CIRCUIT THAT ALARMS ONLY ON SPRINKLER WATERFLOW ACTIVATION.
6. COORDINATE WITH CIVIL PLANS TO DETERMINE EXACT QUANTITY AND LOCATION OF ALL EXTERNALLY MOUNTED SPRINKLER DEVICES (I.e.: POST INDICATOR VALVES (PIV), CONTROL VALVES, TAMPER SWITCHES, FLOW SWITCHES) AND PROVIDE PATHWAY, CABLING, MONITOR MODULES AND PROGRAMMING TO FULLY MONITOR THESE SWITCHES AT THE FIRE ALARM CONTROL PANEL.
7. COORDINATE WITH SPRINKLER CONTRACTOR TO DETERMINE EXACT LOCATION OF WATER LEVEL SENSOR SWITCHES TO BE MONITORED ON THE ABOVE GROUND WATER STORAGE TANK AND PROVIDE PATHWAY, CABLING, MONITOR MODULES AND PROGRAMMING TO FULLY MONITOR THESE SWITCHES, WITH A SUPERVISORY SIGNAL, AT THE FIRE ALARM CONTROL PANEL IN ACCORDANCE WITH NFPA 72. APPROXIMATELY ±350 LF FROM BUILDING.
8. PROVIDE ALL REQUIRED MONITORING SIGNAL(S) FROM FIRE PUMP TO FIRE ALARM CONTROL PANEL IN ACCORDANCE WITH NFPA 72. APPROXIMATELY ±350 LF FROM BUILDING.

### FIRE ALARM RISER DIAGRAM

NO SCALE



NOTES:

1. DOOR FRAME TO BE PRE-DRILLED FOR DOOR CONTACTS AND DOOR ELECTRIFIED HARDWARE. COORDINATE INSTALLATION WITH DOOR HARDWARE PROVIDER.
2. ELECTRICAL CONTRACTOR TO PROVIDE PATHWAYS AND PULLSTRINGS FOR OWNER FURNISHED ACCESS CONTROL SYSTEM.
3. COORDINATE DOOR HARDWARE WITH ARCHITECTURAL DOOR SCHEDULE.
4. ALL DOOR HARDWARE (LOCKS, HINGES, EXIT DEVICES) TO BE PROVIDED BY DOOR HARDWARE PROVIDER.

### TYPICAL SECURITY DOOR CONFIGURATION

NO SCALE

nbi ARCHITECTURE

GROVE PARK SQUARE  
11637-B NUCKOLS ROAD  
Richmond, Virginia 23059  
☎ (804) 273-9811 fax: (804) 273-9843

nbi

RAPPAHANNOCK  
COMMUNITY COLLEGE  
CAMPUS RENOVATIONS  
WARSAW + GLENN'S, VIRGINIA  
PC: 260-17712

RAPPAHANNOCK COMMUNITY COLLEGE  
SPECIAL SYSTEM DETAILS AND  
DIAGRAMS

Date: MARCH 3, 2010

REVISIONS

NO. DATE

03-05-10